

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/03604

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01S5/10 G01S5/02 H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01S H04B H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 047 017 A (CAHN CHARLES R ET AL) 4 April 2000 (2000-04-04) column 37 -column 38	1-21
A	SUZUKI H ET AL: "AN ORTHOGONAL SUCCESSIVE INTERFERENCE CANCELLER FOR THE DOWNLINK COMMUNICATIONS IN A DS-CDMA MOBILE SYSTEM" GLOBECOM'00. 2000 IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE. SAN FRANCISCO, CA, NOV. 27 - DEC. 1, 2000, IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, NEW YORK, NY: IEEE, US, vol. 2 OF 4, 27 November 2000 (2000-11-27), pages 847-851, XP001017205 ISBN: 0-7803-6452-X the whole document	1-21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

25 November 2003

Date of mailing of the international search report

19/01/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Ó Donnabháin, C

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/03604

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 01 65271 A (CELL LOC INC ;KLUKAS RICHARD (CA); OLER KEVIN (CA); FATTOUCHE MICH) 7 September 2001 (2001-09-07) page 47 -page 53</p> <p>-----</p>	1-21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/03604

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6047017	A	04-04-2000	US 5901171 A	04-05-1999
			US 6198765 B1	06-03-2001
			AT 222000 T	15-08-2002
			AU 729697 B2	08-02-2001
			AU 3116097 A	12-11-1997
			CA 2252903 A1	30-10-1997
			DE 69714581 D1	12-09-2002
			DE 69714581 T2	17-04-2003
			EP 1209483 A2	29-05-2002
			EP 1271102 A2	02-01-2003
			EP 0895599 A2	10-02-1999
			JP 2002500751 T	08-01-2002
			KR 2000010646 A	25-02-2000
			WO 9740398 A2	30-10-1997
			US 2002146065 A1	10-10-2002
			US 2002150150 A1	17-10-2002
			US 2002143467 A1	03-10-2002
			US 6522682 B1	18-02-2003
			US 2003123531 A1	03-07-2003
			US 6236937 B1	22-05-2001
			US 6400753 B1	04-06-2002
			US 2001002458 A1	31-05-2001
			US 2001002203 A1	31-05-2001
			US 2002015439 A1	07-02-2002
			US 6393046 B1	21-05-2002
			US 6018704 A	25-01-2000
			US 6125325 A	26-09-2000
			US 2001047243 A1	29-11-2001
WO 0165271	A	07-09-2001	US 6208297 B1	27-03-2001
			US 6204812 B1	20-03-2001
			US 6266014 B1	24-07-2001
			WO 0165271 A1	07-09-2001
			DE 19948556 A1	29-06-2000